



# BASIC MEDICAL SCIENCES HSSC-II

## SECTION – A (Marks 10)

102

Time allowed: 10 Minutes

Version Number 1 8 9 5

**Note:** Section – A is compulsory. All parts of this section are to be answered on the separately provided OMR Answer Sheet which should be completed in the first 10 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

**Q. 1** Choose the correct answer A / B / C / D by filling the relevant bubble for each question on the OMR Answer Sheet according to the instructions given there. Each part carries one mark.

- 1) Hypovolemic shock is due to:  
A. Acute heart disease  
B. Allergic response  
C. Acute pain  
D. Severe blood and fluid loss
- 2) Asphyxia can result from:  
A. Poisoning  
B. Draining  
C. Strangulation  
D. All of these
- 3) Lock Jaw is the clinical feature of:  
A. Measles  
B. Hepatitis  
C. Tetanus  
D. Asthma
- 4) The signs and symptoms of poisonous snake bite are:  
A. Not very painful  
B. Inverted U shaped wound  
C. Very painful with discolouration and blood filled blisters  
D. None of these
- 5) Mode of transmission of Poliomyelitis is:  
A. Faecal-oral route  
B. Air Bourne  
C. Infected syringes  
D. None of these
- 6) Salmonella typhi is the main pathogen for:  
A. Typhoid (enteric fever)  
B. Measles  
C. Mumps  
D. Hepatitis
- 7) The main components of maintenance of health are:  
A. Clean environment  
B. Proper nutrition  
C. Prevention of diseases  
D. All of these
- 8) The vaccine which is given within 24 hours of birth is:  
A. BCG + OPV  
B. DPT+OPV  
C. HCV  
D. TT
- 9) Deficiency of Vitamin K results in:  
A. Bleeding and cardiac arrhythmias  
B. Scurvy  
C. Megaloblastic anaemia  
D. None of these
- 10) Which rule is applied for burns?  
A. Rule of hand  
B. Glasgow coma scale  
C. Rule of nine  
D. R.I.C.E



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103

Time allowed: 2:20 Hours

Total Marks Sections B and C: 40

**NOTE:** Answer any eight parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

## SECTION – B (Marks 24)

**Q. 2** Answer any EIGHT parts. The answer to each part should not exceed 3 to 5 lines. ( 8 x 3 = 24 )

- (i) Define Tuberculosis, its causative agents and its vaccine.
- (ii) Name the methods of carrying person out of danger when single.
- (iii) Write the types of waste materials. Write methods of disposal of solid wastes.
- (iv) Write immunization schedule of a lady of child-bearing age.
- (v) Discuss first aid care of snake bite.
- (vi) Define shock, write its types.
- (vii) Briefly write about clinical picture and signs of urinary tract infections.
- (viii) Discuss causes of Asphyxia.
- (ix) Write causing organisms, mode of spread, signs and symptoms of measles.
- (x) Discuss prevention and treatment of poliomyelitis.
- (xi) Define community medicine and preventive medicine.

## SECTION – C (Marks 16)

**Note:** Attempt any TWO questions. All questions carry equal marks. ( 2 x 8 = 16 )

- Q. 3** Discuss in detail, Dengue fever, its Pathogens, mode of transmission, clinical picture and prevention with Treatment.
- Q. 4** Discuss management of bleeding along with types of bleeding and its pressure points.
- Q. 5** Define 'Strain and Sprain'. Also give details of their Signs, Symptoms and first aid care.